



FIGURE 1

The following figures illustrate conceptual details of parts of the overall resource-address-translation flow.

| AT | AID=0000 | AID=0001 | AID=0002 | | AID=FFFF |
|----|-------------|----------|----------|--|----------|
| 00 | ART_Example | | | | |
| 01 | | | | | |
| 02 | | | | | |
| | | | | | |
| | | | | | |
| FE | | | | | |
| FF | | | | | |

Adapter-Type / Adapter-ID to Adapter-Resource Table Address

FIG. 2A

| RT | ART_Example |
|----|--|
| 00 | ART Entry ₀ |
| 01 | ART Entry ₁ |
| 02 | ART_Example Entry for CQ Resource Type |
| 03 | |
| | |
| FF | ART Entry ₂₅₅ |

Adapter Resource Table (ART)

FIG. 2B

| DWord | ART_Example Entry for CQ Resource Type | | | | |
|-------|---|----------|-----|----------|-----|
| 0 | ASAB | | PRC | MRC | |
| 1 | SAC | Reserved | SMC | Reserved | |
| 2 | Reserved | LARID | | Reserved | RIL |
| 3 | Access-Table Address (ATA) - AT is for all CQ Resources | | | | |
| 4 | Adapter-Storage Base Address for SAT=0 | | | | |
| 5 | Adapter-Storage Base Address for SAT=1 | | | | |
| 6-18 | Reserved | | | | |
| 19 | Adapter-Storage Base Address for SAT=15 | | | | |
| Bits | 0 | 8 | 16 | 32 | 63 |

Figure 1C Adapter-Resource-Table Entry (ARTE).

Figure 3 Resource Address Translation.

